

Title (en)
DEVICE FOR AUTOMATICALLY ESTABLISHING THE VENOUS INFLOW TO A BLOOD RESERVOIR OF AN EXTRACORPOREAL BLOOD CIRCULATION SYSTEM

Title (de)
VORRICHTUNG ZUR AUTOMATISCHEN EINRICHTUNG DES VENÖSEN ZUFLUSSES ZU EINEM BLUTRESERVOIR EINES EXTRAKORPORALEN BLUTKREISLAUFSYSTEMS

Title (fr)
DISPOSITIF POUR ÉTABLIR AUTOMATIQUEMENT UN AFFLUX VEINEUX VERS UN RÉSERVOIR DE SANG D'UN SYSTÈME DE CIRCULATION DE SANG EXTRACORPOREL

Publication
EP 3990046 A1 20220504 (EN)

Application
EP 19737482 A 20190627

Priority
EP 2019067129 W 20190627

Abstract (en)
[origin: WO2020259837A1] A device for establishing venous inflow to a blood reservoir of an extracorporeal blood circulation system includes a restricting unit for restricting a venous inflow line and a vacuum unit for supplying vacuum to the blood reservoir. The device includes a control unit that, upon setting the desired venous flow rate, automatically supplies a first actuating signal to the restricting unit for restricting venous inflow to the blood reservoir and supplies a second actuating signal to the vacuum unit for establishing a degree of vacuum within the blood reservoir, so as to achieve the set venous flow rate. The device includes a venous flow sensor.

IPC 8 full level
A61M 1/00 (2006.01); **A61M 1/36** (2006.01)

CPC (source: EP US)
A61M 1/3607 (2014.02 - US); **A61M 1/3624** (2013.01 - EP US); **A61M 1/3627** (2013.01 - EP); **A61M 1/3653** (2013.01 - US); **A61M 1/3663** (2013.01 - US); **A61M 1/367** (2013.01 - US); **A61M 1/74** (2021.05 - EP); **A61M 1/743** (2021.05 - EP); **A61M 39/281** (2013.01 - US); **A61M 2205/3334** (2013.01 - EP US)

Citation (search report)
See references of WO 2020259837A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020259837 A1 20201230; EP 3990046 A1 20220504; US 2022080094 A1 20220317

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EP 2019067129 W 20190627; EP 19737482 A 20190627; US 202117532479 A 20211122